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May 14, 2004
Reply to Office Action

Amendments to the Abstract:

Please amend the Abstract of the Disclosure as submitted herewith on a separate unnumbered page.

ABSTRACT OF THE DISCLOSURE

The object of the present invention is to provide electrical Electric equipment is provided for mounting on vehicles and electrical machines having superior rust-prevention film, which makes it possible to prevent vehicles from generating red rust even if outer surface of magnetic core housing of the vehicle is damaged by bouncing a stone and the like during running, and also to provide manufacturing methods of the same. The present invention relates to an electric equipment for mounting on vehicles; wherein any of Any outer surface and surface exposed to outward of the magnetic core housing is coated sequentially with a metal plated layer or an alkali zinc plated layer, chromate film or zinc phosphate film, and organic resin coating; and a rotary electric machines using same; an electromagnetic switches using same; a starter for internal combustion engine using same; and manufacturing methods for them.